

Converting Colors

Hex(2E2ECE)

Have a look what the booklet for
Hex(2E2ECE) contains.

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Color

Hex(2E2ECE)

Conversions

Conversions Part 1

Format	Color
Hex	2E2ECE
RGB	46, 46, 206
RGB Percent	18%, 18%, 81%
CMY	0.8196, 0.8196, 0.1922
CMYK	0.78, 0.78, 0.00, 0.19
HSL	240°, 63%, 49%
HSV	240°, 78%, 81%
XYZ	13.2443, 6.9911, 59.0439
YIQ	64.2400, -51.3600, 49.7600

Conversions

Conversions Part 2

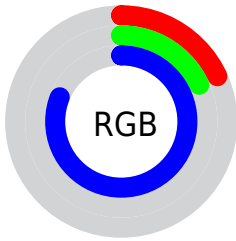
Format	Color
R _Y B	46, 46, 206
Decimal	3026638
CIE Lab	31.79, 53.24, -80.70
CIE LCh	32, 96.683, 303.414
Yxy	6.9911, 0.1671, 0.0882
Android (android.graphics.Color)	4281216718 (0xFF2E2ECE)
YUV	64.2400, 69.8877, -15.9965
Hunter-Lab	26.4406, 43.1408, -113.8906




Details

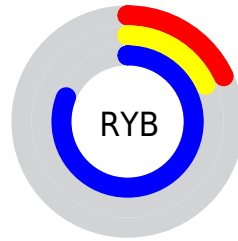
The Hex color **2E2ECE** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CECE2E**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **775FFF**, and **000096** is the 20% darker color. If you saturate the color by 10%, you get **1919CE**, and if you desaturate by 10%, it is **4343CE**.

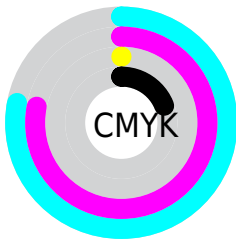
Distribution







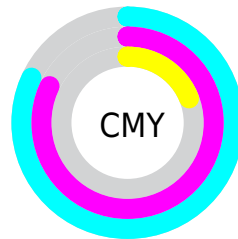
-  Red (18%)
-  Green (18%)
-  Blue (81%)






-  Red (18%)
-  Yellow (18%)
-  Blue (81%)



-  Cyan (78%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (19%)



-  Cyan (82%)
-  Magenta (82%)
-  Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E2ECE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2E2ECE by changing the saturation by 10% instead.

 2E2ECE

 2E2ECE

FFFFFF

 0016B2

 775FFF

 000096

 9779FF

 00007B

 B693FF

 000261

 D5AEFF

 000848

 F4CAFF

 000431

 FFE6FF

 00011B

 000000

 2E2ECE

 2E2ECE

■ 1919CE

■ 4343CE

■ 0505CE

■ 5757CE

■ 0000CE

■ 6C6CCE

■ 8080CE

■ 9595CE

■ AAAACE

■ BEBECE

■ D3D3CE

■ E7E7CE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0056E9



2E2ECE



A50091

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2E2ECE



8F2300



006352

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2E2ECE



CECE2E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006100



2E2ECE



554C00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2E2ECE



B70000



005B00



00659F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2E2ECE



BE005F



005B00



006237

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2E2ECE



C4C4FF



2ECECE



5C5C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2E2ECE



1212FF



7E2ECE



5C5C66



0000A6



000026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CE2ECE



FF12FF



7ECE2E



665C66



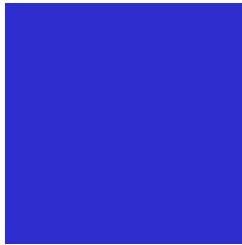
A600A6



260026

Previews

White Background



This preview shows how the Hex color 2E2ECE looks on a white background.

Color Contrast Check

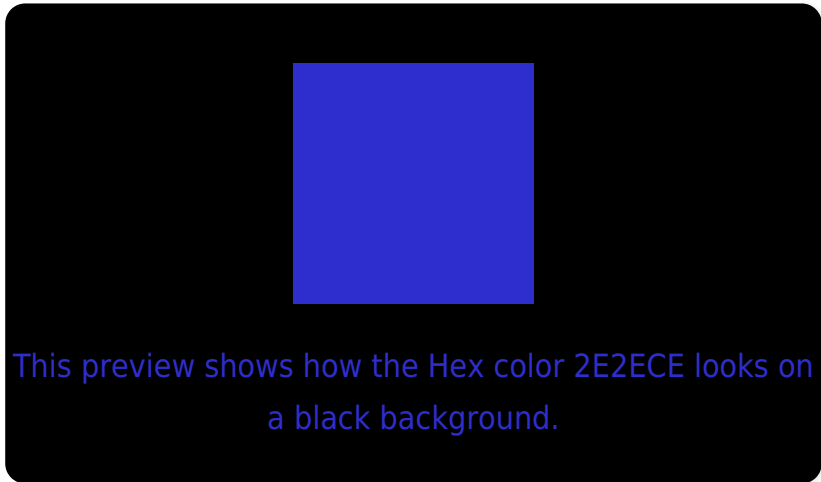
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

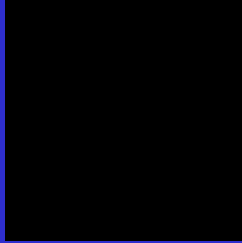
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E2ECE Background



This preview shows how black text looks on a background with the Hex color 2E2ECE.



This preview shows how white text looks on a background with the Hex color 2E2ECE.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
2E2ECE

Protanopia
004897

Deuteranopia
004D80

Trichromacy



Original Color
2E2ECE

Protanomaly
113FAB

Deuteranomaly
11429C

Tritanomaly
114682

Monochromacy



Original Color
2E2ECE

Achromatopsia
404040

Achromatomaly
393974

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E2ECE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2E2ECE looks like.

```
.text, #text, p{  
    color:#2E2ECE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2E2ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E2ECE
}
```

Border

The CSS property to change the border of an element to Hex 2E2ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E2ECE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2E2ECE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2E2ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E2ECE; -webkit-box-shadow:4px 4px  
4px 4px #2E2ECE; box-shadow:4px 4px 4px  
4px #2E2ECE }
```

Background

The CSS property to change the background color of an element to Hex 2E2ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E2ECE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2E2ECE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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